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Cosmetic use of vegetable laccase or active plant extract contg. laccase
- in oxidative dyeing or permanent shaping of hair

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Priority Applications (No Type Date): FR 929112 A 19920723

Patent Details:

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Abstract (Basic): FR 2694018 A

An enzyme of the vegetable laccase type, or an active plant extract contg. it, is used as oxidising agent in a cosmetic. Oxidative dyeing of hair involves application to the hair of (a) a compsn. contg., in a cosmetically acceptable solvent, a precursor of an oxidn. dye contg. 2 amine gps. or 1 amine gp. and 1 OH gp., in p- or o- position to each other, and/or a hydroxy-indole or -indoline derivs., and (b) a compsn. contg. a plant laccase or active plant extract contg. it.

USE/ADVANTAGE - Application is in oxidative dyeing or permanent shaping of hair. Use is simple and does not require other oxidising agents. The vegetable laccases are easily extracted from plants, and are cheaper than fungal laccases.

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Title Terms: COSMETIC; VEGETABLE; LACCASE; ACTIVE; PLANT; EXTRACT;
CONTAIN;

LACCASE; OXIDATION; DYE; PERMANENT; SHAPE; HAIR

Derwent Class: D16; D21; E13; E23; E24

International Patent Class (Main): C12N-009/98

International Patent Class (Additional): A61K-007/11; C12N-005/14;
C12N-009/02

File Segment: CPI

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E10-B04

Chemical Fragment Codes (M3):

01 D011 D012 D013 D014 D021 D022 D023 D024 D601 H100 H181 H182 H201 H4

H401 H402 H403 H404 H441 H442 H443 H481 H541 H542 H8 J011 J111 J211
L640 M210 M211 M212 M213 M214 M215 M216 M231 M232 M233 M240 M272
M273 M280 M281 M282 M283 M311 M312 M313 M314 M315 M320 M321 M322
M331 M332 M333 M340 M342 M373 M383 M391 M412 M511 M520 M530 M540
M781 M903 M904 Q252 Q317 9408-B1501-U

03 G012 G100 H1 H100 H101 H141 H142 H401 H441 M280 M320 M414 M510
M520

M531 M540 M781 M903 M904 Q252 Q317 9408-B1502-U

05 G011 G012 G013 G014 G015 G016 G017 G018 G100 H4 H402 H403 H404
H405

H442 H443 H444 H8 M280 M320 M414 M510 M520 M531 M540 M781 M903
M904

Q252 Q317 9408-B1503-U

Chemical Fragment Codes (M4):

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H401 H402 H403 H404 H441 H442 H443 H481 H541 H542 H8 J011 J111 J211
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M273 M280 M281 M282 M283 M311 M312 M313 M314 M315 M320 M321 M322
M331 M332 M333 M340 M342 M373 M383 M391 M412 M511 M520 M530 M540
M781 M903 M904 Q252 Q317 W003 W030 W526 W541 9408-B1501-U

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H405

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